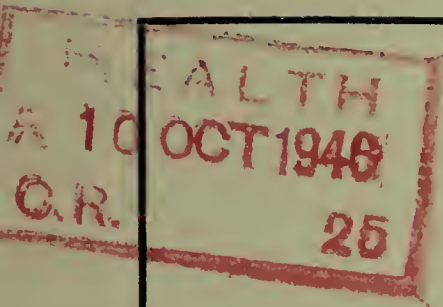




Spalding
Urban District Council

R E P O R T
OF THE
Medical Officer of Health
TO THE
Spalding Urban District
FOR THE
Year 1945

Public Health Officers
of the
Spalding Urban District Council

Medical Officer of Health :

J. R. MUNRO, M.D.

Public Health Officer :

L. A. GORNALL, F.I.A.S.S., M.R.S.I.

Meat Inspector :

F. LUKER, M.S.I.A.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1945.

—o—

To the Chairman and Councillors of the Spalding Urban District.

I beg to hand you my Report for 1945.

Area in Acres	...	...	...	...	...	...	7,825.
Resident Population	...	...	...	...	...	...	12,640.
Number of Inhabited Houses (end of 1945)	...	...	...	...	...	...	4,080.
Rateable Value	...	...	...	...	...	...	£70,216.
Sum represented by a Penny Rate	...	...	...	...	...	...	£278 1s. 6d.

VITAL STATISTICS.

Live Births.

						Males.	Females.
Legitimate	...	...	...	...	...	102	104
Illegitimate	...	...	...	...	...	12	13
					Total	114	117
					Birth Rate per 1,000 Population	...	18.2
					Birth Rate for England and Wales	...	16.1

Still Births

						Males.	Females.
Legitimate	...	...	...	...	...	5	3
Illegitimate	...	...	...	...	...	—	—
					Total	5	3

Deaths of Infants under One Year of Age.

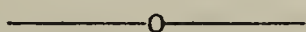
Legitimate	...	...	...	...	...	6	3
Illegitimate	...	...	...	...	...	—	—
					Total	6	3

Death Rate per 1,000 Live Births 38.9

Deaths.

	Males.	Females.	Total.
	66	76	142.
Death Rate per 1,000 Estimated Population	...	...	11.2
Death Rate for England and Wales	...	...	11.4
Deaths from Cancer (all ages)	...	...	20
Deaths from Measles (all ages)	...	...	1
Deaths from Diarrhoea (under 2 years of age)	...	...	—

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.



1. Medical Officer of Health (part time), J. R. Munro, M.D.
2. Public Health Officer (whole time),
L. A. Gornall, F.I.A.S.S., M.R.S.I.
3. Meat Inspector, F. Luker, M.S.I.A.

Staff. Mr. F. Tero, Assistant Sanitary Inspector, is still in the Royal Army Medical Corps (Central Mediterranean Forces).

Closet Accommodation. During the year, ten vault closets have been converted to the water carriage system, and also the following drainage work carried out :

Premises connected to public sewer	...	...	...	...	16
Cesspools abolished	...	...	...	...	7

Public Cleansing. Collection of house refuse is carried out on modern lines by mechanical low loading vehicles, and disposal is by means of Front Feed Refuse Destructor.

The salvage of materials required by industry is carried out energetically, and the sale of such salvaged material realised £1,246 11s. 9d. for the year.

Eradication of Bed Bugs. During the year, cases of infestation have been dealt with. Treatment with "Zaldecide" has produced satisfactory results.

HOUSING STATISTICS.

1. Inspection of Houses during the year.

1. (a) Total number of houses inspected for defects
(under Public Health or Housing Acts) ... 87
- (b) Number of inspections made for the purpose 173
2. (a) Number of dwelling houses (included under
sub-head 1 above) which were inspected and
recorded under the Housing Consolidated
Regulations, 1925. ... 11
- (b) Number of inspections made for this purpose... 25
3. Number of dwelling houses found to be in a
state so dangerous or injurious as to be unfit
for human habitation ... 1
4. Number of dwelling houses found not to be in
all respects reasonably fit for human habitation
(exclusive of those referred to under the pre-
ceding sub-head) ... 19

2. **Remedy of Defects during the Year without Service of Formal Notice.**

Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers 10

3. **Action under Statutory Powers during the Year.**

A. Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.

1. Number of dwelling houses in respect of which notices were served requiring repairs 1
2. Number of houses which were rendered fit after service of such notices :
 - (a) by Owners 1
 - (b) by Local Authority in default of Owners ... none

B. Proceeding under Public Health Acts.

1. Number of dwelling houses in respect of which notice has been served requiring defects to be remedied none
2. Number of dwelling houses in which defects were remedied after service of formal notice :
 - (a) by Owners none
 - (b) by Local Authority in default of Owners ... none

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936.

1. Number of dwelling houses in respect of which Demolition Orders were made none
2. Number of dwelling houses demolished in pursuance of Demolition Orders none

D. Proceeding under Section 12 of the Housing Act, 1936.

1. Number of separate tenements or underground rooms in respect of which closing orders were made none
2. Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit none

HOUSING ACT, 1936, PART IV. (Overcrowding).

The position with regard to overcrowding is obscure due to the return of ex-service men and women. This, together with an acute housing shortage has resulted in many houses becoming overcrowded until the cases can be dealt with by the provision of additional houses. The matter is receiving the attention of the Local Authority as expeditiously as possible.

Number of cases of overcrowding relieved during the year none

Number of persons concerned in such cases none

Dwelling houses which have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding none

Swimming Pool.

During the summer months the Swimming Pool was re-opened for the use of local Youth Organisations and regular bacteriological samples of the water were taken. The results were satisfactory.
Section E.

(a) Milk Supply.

Inspection of Cowsheds has been carried out during the year as far as possible.

(b) Inspection of Foodstuffs.

During the year the undermentioned foodstuffs have been examined and condemned as unfit for human consumption :

Ox Tongue	12 lbs.	Crayfish	3 tins
Stewed Steak	11 tins	Pilchards	87 tins
Luncheon Meat	63 lbs.	Herrings	14 tins
Ham	142 lbs.	Sardines	7 tins
Bacon	24½ lbs.	Salmon	26 tins
Jam	11 tins	Peas	10 tins
Marmalade	5 tins	Beetroot	6 tins
Syrup	6 tins	Carrots	2 tins
Evap. Milk	64 tins	Sausage Meat	12 lbs
Flour	10 stone	Potatoes	1 cwt
Macaroni	23 lbs.	Eggs	13 doz
Quaker Oats	24 pkts	Tea	3 lbs
Rolled Oats	8 lbs	Cheese	18½ lbs
Cake Mixture	32 pkts	Canned Beans	45 tins
Wheat Flakes	61 pkts	Soup	9 tins
		Pickles	4 jars

SCABIES ORDER, 1941.

The treatment of Scabies and Verminous Heads has continued during the year at the two centres in Spalding.

The number of treatments given is shown hereunder :

Cases from Spalding Urban Area	79
Case from Spalding Rural Area	119
Cases from East Elloe Rural Area	104
Total number of treatments given	791

(Signed) L. A. GORNALL, F.I.A.S.S., M.R.S.I.,
Public Health Officer.

TABLE OF NOTIFIABLE DISEASES DURING THE YEAR 1945.

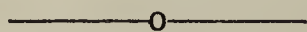
Disease	Total Notified.	Cases sent to Hospital.	Total Deaths.
Scarlet Fever	18	18	0
Whooping Cough	63	1	0
Diphtheria	2	2	0
Erysipelas	5	0	0
Measles	309	1	1
Ophthalmia Neonatorum	3	0	0
Puerperal Pyrexia	3	1	0
Pneumonia	20	2	3
Dysentery (clinical)	1	1	0

DIPHTHERIA PROPHYLAXIS.

During 1945, 248 children have been immunised.

Over 5 and under 15 years of age 23

Under 5 years of age 225



SPALDING U.D.C. WATERWORKS DEPARTMENT.

Water Supply.

An uninterrupted supply of water was maintained throughout the 60 miles of distribution mains during the year and the un-measured and domestic consumption reach the high figure of 188½ million gallons or 36.8 gallons per head per day.

During periods of heavy demand insufficient water is furnished to some of the outer areas and this matter is receiving attention.

No new mains were laid during the year and very few of the 3,276 domestic dwellings are without piped water supply.

Although the purity of the water is beyond question the addition of chlorine and ammonia in small quantities was continued; the following showing the results of the last analysis of the water.

(Signed) G. EWART ROBERTS,
B.Sc., A.M.I.C.E.

Water Engineer's Office.
16-8-46.

May 28th, 1946.

W. Lincolne Sutton, F.R.I.C.,
Public Analyst.

Norfolk and Suffolk County Laboratories,
Redwell Street, Norwich.
28th May, 1946.

COPY

CERTIFICATE OF ANALYSIS OF WATER No. 113483 XX.

Sample received from Spalding U.D.C. per G. Ewart Roberts, Esq., Water Engineer.

Mark or Seal : " Tap water, Pte. house, Cowbit Road, 22-5-46."

The chemical results are stated in parts per 100,000.

BACTERIOLOGICAL RESULTS											
Total Solids in Solution.	AMMONIA		Chlorine in Chlorides.	Nitrogen as Nitrates.	Nitrites.	Oxygen absorbed from Permanganate.	HARDNESS		Bacillus Coliform		Physical Characters.
	Free & Saline.	Albuminoid					Total	Permanent	Colonies per ml. on agar at 37° C.	Present in	
50.1	0.006	0.001	2.45	nil	nil	0.02	30.6 =21.4°	11.15 =7.8°	3	100 m.l.	Very faintly opalescent Iron in solution 0.008.

Remarks : This is a pure and wholesome supply, of excellent organic and bacteriological quality, and quite suitable for drinking purposes.

(Signed) W. Lincolne Sutton.

I have included in Appendices

Tuberculosis Tables Appendix A.

Causes of Death Appendix B.

Meat Inspector's Report Appendix C.

I am,

Your Obedient Servant,

J. R. MUNRO.

APPENDIX A.

TUBERCULOSIS.

Analysis of New Cases and Deaths from Tuberculosis.

Age Periods.	NEW CASES.				DEATHS.			
	Respira- tory.		Non-Respira- tory.		Respira- tory.		Non-Respira- tory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	...	...	..	..	..	..	..	...
„ 5	1	..	1	2	..	..	..	...
„ 15	...	1	3	..	...	..	..	...
„ 25	4	1	..	..	..	..	..	...
„ 35	2	...	..	..	..	1	..	...
„ 45	1	2	..	..	..	...	..	...
„ 55	...	...	..	..	..	...	...	1
„ 65	...	..	..	1	..	..	...	...
„ 80	1	..	..	..	1	..	...	...
	...	..	..	..	..	..	...	...
Totals ...	9	4	4	3	1	1	...	...

APPENDIX B.

CAUSES OF DEATH DURING THE YEAR, 1945.

Cause of Death	Male.	Female.
All causes	66	76
Measles	1	0
Tuberculosis of Respiratory System	1	1
Other Forms of Tuberculosis ...	0	0
Cancer of Mouth, Oesophagus, and Uterus	2	0
Cancer of Stomach and Duodenum	2	2
Cancer of Breast	0	2
Cancer of other sites	8	4
Diabetes	1	2
Intracranial Vascular Lesions ...	6	9
Heart Disease	12	21
Other Diseases of Circulatory System	5	5
Bronchitis	2	1
Pneumonia	2	1
Other Respiratory Diseases	0	2
Ulcer of the Stomach	1	0
Appendicitis	1	1
Other Digestive Diseases	1	0
Nephritis	0	1
Puerperal Sepsis	0	0
Other Maternal Causes	0	1
Premature Births	2	1
Congenital Deformity	3	3
Suicide	2	0
Other Violent Causes	2	1
All Other Causes	12	18

APPENDIX C.

SPALDING URBAN DISTRICT COUNCIL

MEAT INSPECTOR'S ANNUAL REPORT FOR THE YEAR 1945.

During the year under review all home killed meat, distributed in the Spalding Urban District, has been inspected, animals showing any evidence of disease have been examined in detail and the necessary action taken to safe-guard the public health.

In order to facilitate the operation of the meat distribution scheme the Ministry of Food Officials have taken advantage of the fact that the meat inspection work is in my hands entirely and extended their scheme of centralised slaughtering for the districts concerned (i.e. Spalding Urban District, East Elloe and Spalding Rural Districts) so that practically the whole of the slaughtering previously carried out at New Bond Street Slaughterhouse is now done at the Mill Green premises. The numbers of inspections and weight of condemnations given below are, therefore, considerably higher than last year's figures but the proportion applicable to the Spalding Urban District are substantially the same.

2,548 cattle; 3,770 sheep; 765 pigs and 439 calves have been slaughtered and the following amount of meat and offals, having an approximate weight of 27 tons 7 cwts., has been condemned as unfit for human consumption and disposed of for other purposes under the Ministry of Food Waste Utilisation Scheme.

Article Examined.		Disease or Condition Found.
109 Beasts Heads and Tongues		Tuberculosis.
35 Beasts Heads and Tongues		Actinomycosis.
1 Beasts Head		Purulent condition of eyes—animal blind.
279 Beasts Lungs		Tuberculosis.
1 Beasts Lungs		Actinomycosis.
31 Beasts Lungs		Pneumonia.
1 Beasts Lungs		Pleurisy.
2 Beasts Lungs		Septic Abscesses.
68 Beasts Livers		Tuberculosis.
1 Beasts Livers		Actinomycosis.
174 Beasts Livers		Distomatosis (Liver Flukes).
4 Beasts Livers		Bacterial Necrosis.
112 Beasts Livers		Septic Abscesses.
6 Beasts Livers		Echinococcus Crysts.
10 Beasts Livers		Cirrhosis.
4 Beasts Livers		Fatty Infiltration.
29 Beasts Livers		Cavernous Angioma.
268 Part Beasts Livers		Distomatosis (Liver Flukes).
1 Part Beasts Liver		Septic Abscesses.
16 Beasts Hearts		Tuberculosis.
7 Beasts Hearts		Tubercular Pericarditis.
3 Beasts Hearts		Pericarditis.
18 Beasts Spleens		Tuberculosis.
2 Beasts Kidneys		Septic Abscesses.
4 Beasts Kidneys		Dropsy.
19 Beasts Kidneys		Tuberculosis.
7 Beasts Kidneys		Nephritis.

Article Examined.	Disease or Condition Found.
35 Beasts Thick Skirts	Tuberculosis.
9 Beasts Thin Skirts and Trimmings	Tuberculosis.
2 Beasts Intestines & Stomachs	Tuberculosis.
1 Beasts Intestines	Johnes Disease.
21 Beasts Intestines & Mesentery	Tuberculosis.
3 Beasts Tripes	Tuberculosis.
2 Beasts Tripes	Peritonitis.
2 Beasts Tripes	Septic Abscesses.
1 Beasts Tripes	Cancer of Rumen.
3 Beasts Tripes	Putrefaction.
88 Cows Udders	Mastitis.
1 Cows Udders	Tuberculosis.
16 Cows Heels	Stale and putrefying.
20 $\frac{3}{4}$ Cwts. Beef Trimmings	Bruised Flesh.
16 lbs. Beef Trimmings	Abcess of Precurral Gland.
68 lbs. Beef Trimmings	Abcess of Kidney.
15 lbs Beef Trimmings	Warbled Flesh.
13 lbs. Beef Trimmings	Putrefaction.
386 lbs. Corned Beef	Damaged and Blown Tins; Contents putrefying.
1 x 1 lb Can of Stewed Steak	Contents putrid.
11 Part Carcases of Beef (13 $\frac{1}{2}$ cwt.)	Tuberculosis.
4 Part Carcases of Beef (10 $\frac{1}{2}$ cwt.)	Dropsical and unwholesome.
1 Part Carcases of Beef (22 lbs.)	Affected by Abcess of Liver.
1 Part Carcases of Beef (86 lbs.)	Large Abcess in loin.
3 Part Carcases of Beef (8 cwt.)	Putrefaction; heated beef.
1 Part Carcases of Beef (20 lbs.) with Lungs, Heart, Liver Kidneys, Thick Skirt and Tripes	Purulent Abcess of Rumen.
1 Hindquarter of Beef	Actinomycosis.
2 Part Hindquarters Beef (2 cwt.)	Actinomycosis.
18 Forequarters of Beef	Tuberculosis.
1 Forequarter of Beef	Large Abcess under shoulder.
2 Part Forequarters Beef	Actinomycosis.
16 Carcases of Beef and Offals	Generalised Tuberculosis.
4 Carcases of Beef and Offals	Johnes Disease; pathological emaciation and dropsy.
3 Carcases of Beef and Offals	Chronic Emaciation and Dropsy.
2 Carcases of Beef and Offals	Septic Pericarditis.
1 Carcase of Beef and Offals	Acute Fever.
1 Carcase of Beef and Offals	Fever and Cancer.
3 Carcases of Beef and Offals	Septic Peritonitis; dropsical.
6 Carcase of Beef and Offal	Badly Bled, dropsical carcases; moribund animals.
1 Carcase of Beef and Offals	Fractured Pelvis; Tuberculous lungs; septic growths of Liver and Kidney; moribund animal.
1 Carcase of Beef and Offals	Septic condition of Heart and degeneration of heart wall.
2 Carcases of Beef and Offals	Septic Pneumonia; Generalised dropsy.
6 Cows Carcases and Offals ...	Generalised Tuberculosis.
3 Cow Carcases and Offals	Tuberculosis with Emaciation.
2 Cow Carcases and Offals	Chronic Emaciation and dropsy.
1 Cow Carcase and Offals	Extensive and Severe Bruising.
1 Cow Carcase and Offals	Sapraemia; retained Placenta.
1 Calf Carcase and Offals	Immaturity.
1 Calf Carcase and Offals	Umbilical Pyaemia.
1 Calf Carcase and Offals	Acute Fever; Pericarditis and Pleurisy.
1 Calf Carcase and Offals	Badley Bled unwholesome Carcase; moribund animal.
3 Pigs Heads	Tuberculosis.
36 Pigs Lungs	

Article Examined.	Disease or Condition Found.
1 Pigs Pluck	Pneumonia.
1 Pigs Pluck	Echinococcus Crysts.
1 Pigs Heart and Lungs	Tuberculosis.
6 Pigs Livers	Pericarditis.
1 Pigs Spleen and Leaf Fat	Echinococcus Crysts.
1 Pigs Kidney and Trimmings...	Peritonitis.
5 Pigs Kidneys	Hydro-nephrosis.
13 Pigs Kidneys	Echinococcus Crysts.
1 Pigs Intestines	Nephritis.
2 Pigs Intestines	Inflammation.
190 lbs. Pork Trimmings	Stale and Putrefying.
149 lbs. Pork Trimmings	Bruised Flesh.
14 lbs. Pork Trimmings	Urticaria.
43 lbs. Pigs Feet and Hocks	Peritonitis.
3 Part Pigs Carcasses	Enlarged Joints.
2 Legs of Pork (26 lbs.)	Dropsical due to fractures.
1 Part Leg of Pork (33 lbs.) ...	Broken Legs.
1 Pigs Head, Lungs and part of Shoulder	Fracture bone; flesh bruised.
1 Boar Pig and Offals	Cancer of Throat and Oesophagus
1 Sow Pig and Offals	Septic Peritonitis and Pleurisy.
	Swine Erysipelas and Septic Peritonitis.
1 Sow Pig and Offals	Generalised Tuberculosis.
1 Sow Pig and Offals	Acute Fever.
1 Pig and Offals	Generalised Tuberculosis.
2 Pigs and Offals	Generalised Dropsy.
3 Pigs and Offals	Acute Fever.
1 Pig and Offals	Putrefaction.
4 Porker Pigs and Offals	Acute Swine Erysipelas.
3 Porker Pigs and Offals	Evidence of Swine Fever.
3 Porker Pigs and Offals	Animals died in transit.
3 Small Store Pigs & Offals	Swine Fever.
3 Small Store Pigs & Offals	Dropsical, unwholesome carcasses.
1 Small Store Pigs & Offals ...	Multiple Septic Abscesses.
3 Small Store Pigs & Offals	Rickets with Malnutrition.
1 Small Store Pigs & Offals ...	Acute Swine Erysipelas.
1 Small Store Pigs & Offals ...	Septic lesion at site of castration.
5 Sheeps Livers	Distomatosis (Liver Flukes).
3 Sheeps Livers	Echinococcus Crysts.
2 Sheeps Plucks	Congestion.
2 Sheeps Kidneys & Trimmings	Putrefaction.
1 Sheeps Stomach & Intestines	Large Abcess.
4 Sheeps Tripes	Stale and Putrefying.
157 Sheep Paunches	Stale and Putrefying.
17 lbs. Mutton Trimmings	Bruised Flesh.
4 lbs. Mutton Trimmings	Dropsical Flesh.
20 lbs. Mutton Trimmings	Enlarged Joints.
1 Part Sheeps Carcase (29 lbs.)	Abcess of Sternum.
2 Legs of Mutton (16 lbs.)	Broken Legs.
3 Sheep Carcasses and Offals ...	Emaciation and Dropsy.
1 Sheep Carcase and Offals ...	Multiple Tumours.
1 Sheep Carcase and Offals ... and extensive trimmings from 5 other carcasses	Badly mauled' by dogs.

Out of the 2,548 cattle inspected 25 (0.9%) were found to be affected with Generalised Tuberculosis and 279 (10.9%) were found to be affected with Tuberculosis of the lungs. Examination of the 765 pigs revealed only 2 (0.26%) suffering from Generalised Tuberculosis, and out of the 2,114 sheep none was found to be affected with a bacterial infection, the most serious condition found was one sheep affected with multiple umours.

Yours Obediently,

F. LUKER.

Meat Inspector.

